ABSTRACT OF THE DISCLOSURE

In a computerized analyzer linked to an onboard computer for complex machinery, a computer-readable binary pattern storage apparatus which has a plurality of binary patterns constituting an application program executable by

5   the computerized analyzer. Sets of instructions in the application program are executable, in response to user input from a graphical user interface, to provide a variety of functions which include: monitoring and processing data received to provide groups of vertical and horizontal graphical coordinates suitable for graphing; displaying graphs on a visual display device from the graphical

10 coordinates; rearranging and highlighting selected graph designations; providing a second horizontal scale to a selected portion of the horizontal graphical coordinates to give a selected graph a zoomed-in appearance; recording and displaying graphical time frames of the groups of graphical coordinates; and permitting the real-time and diagnostic-code-triggered

15 collection, processing, and graphical display of data.

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